## VPM's

DR VN BRIMS, Thane
Programme: MMS (2018-20) (Finance)
Third Semester Examination October 2019

| Subject | Security Analysis \& Portfolio Management |  |  |
| :--- | :--- | :--- | :--- |
| Roll No. |  | Marks | 60 Marks |
| Total No. of Questions | 7 | Duration | 3 Hours |
| Total No. of printed pages | 2 | Date | $\mathbf{2 4 . 1 0 . 2 0 1 9}$ |


|  |  | Instructions:- <br> - Q. No 1 is compulsory. <br> - Attempt Any Four from the Remaining Six Questions. <br> - Figures to the right indicate marks in full. |  | Marks |
| :---: | :---: | :---: | :---: | :---: |
| Q. 1 |  | Case/Case-let Study (500-800 words) |  | 20 |
|  |  | Mr. Park Ji Yong is working as a Portfolio Manager at Vega Investment Advisors, having headquarters at Seoul, South Korea. He is considered as one of the brightest minds in his organization and he is always asked to conduct sessions for new investors to educate them about the portfolio management \& its importance. <br> Recently, Mr. Park concluded one of such sessions and one of the persons from the audience Mr. Shin asked Mr. Park the following question "How does correlation between the assets combined in the portfolio affect the risk of our portfolio?" <br> Mr. Park in his reply, decided to design an example, he said "Let's consider the following scenario. I have two stocks A \& B. The Weight of stock A in the portfolio is 0.4 and that of stock $B$ is 0.6 . The risks of stocks are as follows: <br> Let's assume the correlation coefficient (r) between the 2 stocks is: (consider 3 cases separately) <br> i) 0 <br> ii) 0.5 <br> iii) -0.5 <br> Now we will calculate the portfolio risk under all the above 3 cases differently and analyze the outcomes" <br> a) Mr. Park was about to calculate the answers but he suddenly got a call from CEO and had to leave the session urgently. While going he asked you, being his assistant, to solve the question raised above.[15 Marks] <br> b) He also insisted that you must explain your observations on the calculation of portfolio risks \& the impact of correlation coefficient on the portfolio risk to Mr . Shin so that he understands it well. <br> [5 Marks] |  |  |
| Q. 2 |  | Answer Any two from the following. |  | $5 \times 2=10$ |
|  | a. | What do you understand by Investment Grade Bonds \& High Yield Bonds? |  |  |
|  | b. | Draw a diagram of Inverse Head \& Shoulders pattern \& briefly explain it |  |  |
|  | c. | List down the objectives \& constraints of an investor? What is the difference between Tactical Asset Allocation \& Strategic Asset Allocation? |  |  |
| Q. 3 |  | Answer Any two from the following. |  | $5 \times 2=10$ |
|  | a. | Explain the differences between a stock exchange \& OTC. |  |  |
|  | b. | Distinguish between Fundamental Analysis \& Technical Analysis |  |  |
|  | c. | Briefly explain the methods for index calculation. |  |  |
| Q. 4 |  | Answer Any two from the following. |  | $5 \times 2=10$ |
|  | a. | Explain the term structure of yield curve with the help of the different types of |  |  |



